I st and Final Bill Work code - 006-19-000007
Est cost Rs - 20,00 Lacs

M. A. R. 57 (Rule 116)
Measurement Book
No. B 355032

Serial No. ..... Providing And Fixing New Accessories to Existing
Name of Work ... Borewells ... in ... From Ward no. 06 To ... Byatarayanapura
Name of Contractor of nature of Agency ... Sub division .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Name & Contractor - Sri - K.R. Santosh Kumar No. 04 I st Samrudhi. AVR Block. A Main Dhanalakshmi layout Virupakshapura. Bangalore - 560097						
	Work order No. - BBMP/EE/BTP/WO/18/2019.20						
(1)	Supply and Delivery At Site brand new Termo/innova Usi/Sosar/Atlanta/Calamal/Wasserman/Radha make Submersible HP deep well Submersible Pump Set Service						

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MEASUREMENT BOOK

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	for vertical installation is 150 dia Openwell Compressing Pumpset & Single Stage or Multistage & Pump Close Coupled by means of Stainless steel coupling to Suitable HP Suitable Speed Motor duly enclosed and Speed 1000 Rpm Suitable in Submersible cases / Submersible in Open well Motor Suitable for operation of 3 ph 50 Hz 380 / 440 Volts AC Supply Rated Speed 1000 Rpm Casing Suction Strainers Sand Guard Non return valve etc.. Complete the Pump and Motor Shall from an approved very worked allowed and left Learned Engineers for Mer 10 Hp 20 Stage.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355033

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Cauvery Nagara (Thanisandra Main Road)	1	-	-	-	1	
	② Hegadenagara (7th Cross Ramaiah Road)	1	-	-	-	1	
	Rate - 43835:51					2 Nos	87671:02
	② For Motor 12.5 HP 2S Stage - C & FC 2025 22/5/2019						
	① Telecom Layout 8th Cross. Ashwathnagara	1	-	-	-	1	22/5/19

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	② Akashavani layout 6th Cross Dasarahally	1	–	–	–	1	
	③ Bhuvaneshwari Nagara 2nd cross.	1	–	–	–	1	
						3 Nos	
	Rate. 49503:28						IS 8505:84
③	For Motor 15 HP 30 Stack.						
	① Bhuvaneshwari nagara 21 Main 6th Cross.	1	–	–	–	1	
	② Hegadenagara 6th Cross	1	–	–	–	1	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355034

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	③ Dasarahally Shoba Apartments Bridge	1	–	–	–	1	C & FC 25/5/2019
	④ Siridi Sairam Layout School Front	1	–	–	–	1	27/5/19
	⑤ Anjanadri layout Thanisandra	1	–	–	–	1	
						5 Nos	
	Rate - 55719 : 50						278597 : 50

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(4)	For Motor 17.50 HP 3Ø Stage						
	(1) Mestri Palya (Near Churches)	1	—	—	—	1	
	(2) Bhuvaneshwari Nagara (Aravindaiah house)	1	—	—	—	1	
	(3) Siridi Sainagara I st Cross	1	—	—	—	1	
	(4) Dasarahalli Sunni Pandesi house	1	—	—	—	1	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355035

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(5) Hegadenagara Mensuanti	1	–	–	–	1 / 5 Nos.	324065 : 15
	Rate. 64813 : 03						
(5)	Supplying and delivering as size brand new Essen/Loose Sensure/Adequate GR controls best indigenous make Complete energy meter cum control panel board and

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Size 1200 x 600 x 300 mm minimum mechanically strong and vermin and water proof the unit shall have two detachable door for suitable for operation on 3 ph 50 Hz 380/440 V AC supply with spring loaded with a key rigs shall be provided inside door canopy apron and covering ventilating sheets provided the combined energy meter cum control panel board unit suitable for operation on 3 ph 50 Hz 380/440 V AC supply shall be considered ese - compose panel board shall be fabricated as single unit in the above components. 6.50 HP 15 Sets.						

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355036

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(1) Anjanadri layout (Manisandra)	1	-	-	-	1	30/5/19
	(2) Bhuvaneshwari nagara 2nd cross.	1	-	-	-	1	CF FC 30/5/19
						2 NOS	25974:00
	Rate - 12987:00						
	(6) Supplying and drawing 3 core flat PVC sheated submersible pump cable manufactured with electrolytic grade						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Copper wire flexible copper conductor conforming to table 3 class 5 & 6 IS 8130 of 1964 and tinned annealed bare wire for earthing voltage upto 1100 volts nominal size 3.56 sq mm & 0.3 mm dia						
	① Siridi Sai Raman Layout						
		1	550.00	-	-	550.00	
	② Sadik Layout	1	360.00	-	-	360.00	
	③ Thanisandra Swimming Pool Rate - 162.34	1	87.00	-	-	87.00	
						997.00 Mtr	161852

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

355037

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(7)	Fabricating Supplying and mounting M S Box of 16 SWG Suitable for floor wall mounting Surge proof MCB provision for surge arrestor heavy duty type providing MS hinged door cover earthed with two Brass locking arrangements MS suitable size clamps with necessary cable entry pipe with glands and size should be finished a Coat of red oxide and grey painted MS approved Colour enamel metal parts etc complete for 2 1600 Sets.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	① Hegadenagara 6 Mcross.	1	1100.00	20.00	-	22000.00	
	② Sadashivanagara Ashwathnagara.	1	1100.00	20.00	-	22000.00	
	③ Manjunathanagara extension	1	1100.00	20.00	-	22000.00	
	④ Bheemeshwarinagara 12 Mcross	1	1100.00	20.00	-	22000.00	
	⑤ Bheemeshwarinagara 2nd cross	1	1100.00	20.00	-	22000.00	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355038

Serial No. .....
Name of Work ..... From..... To.....
Name of Contractor of nature of Agency .....
Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(6) Dasaradhara near Cave.	1	1100.00	20.00	-	22000.00	
	(7) Nidagasagara (Sarvarayaa)	1	1100.00	20.00	-	22000.00	1/6/19
	(8) Marashicayam Dasaradhara	1	1100.00	20.00	-	22000.00	C/F C
	(9) Hegadevanagara I Stcrack	1	1100.00	20.00	-	22000.00	

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(10) Dasaradhan Shoba Apartments Beeleside	1	1100.00	20.00	-	22000.00	
	Rate .0 :30					220000.00 Sqcm	
							66000 :00
(8)	Supplying and fixing miniature circuit breaker Isolators in existing MCB distribution board including necessary fixing materials and wiring complete as required Note 63 Amps						
	(1)	1	-	-	-	1	
	(2)	1	-	-	-	1	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355039

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(3)	1	1	1	1	1	
	(4)	1	1	1	1	1	
	(5)	1	1	1	1	1	
	(6)	1	1	1	1	1	13/6/19
	(7)	1	1	1	1	1	
	(8)	1	1	1	1	1	C & FC 29 KW 13/6/2019
	(9)	1	1	1	1	1	
	(10)	1	1	1	1	1	
	Rate. 795:37					10 NOS	7953:70

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(9)	Supplying and fixing 25 for colour use channel with cut outs on existing wooden Panel using necessary nuts bolts and washers etc complete						
	(1)	1x3	1	1	1	3	
	(2)	1x3	1	1	1	3	
	(3)	1x3	1	1	1	3	
	(4)	1x3	1	1	1	3	
	(5)	1x3	1	1	1	3	
	(6)	1x3	1	1	1	3	
	(7)	1x3	1	1	1	3	

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M. A. R. 57 (Rule 116)
Measurement Book

No. B

355040

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	(8)	1 x 3	–	–	–	3	
	(9)	1 x 3	–	–	–	3	15/6/19
	(10)	1 x 3	–	–	–	3	
						30 NOS	3948 : 60
	Rate : 131 : 62		cfg PC 20 & UP 15/6/2019				
(10)	Supplying and laying 3 Core cable having Aluminium Conductor Pre-insulated Sheathed galvanised Steel wire/ Steel tape armoured cable on RC cable						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Greasing 1.1 kv cable with Compound						
	(I) Burial Ground Pegadevanagara.	1	100.00	-	-	100.00	MBV 1149 13:00
	Page- 1149:13						
(II)	Earthwork excavation by manual means in ordinary Soil Soil including all lifts with horizontal surface & necessary disposal to a distance not exceeding specified per description						

M. A. R. 57 (Rule 116)
Measurement Book

No. B 355041

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Levelled rearing after breaking & clearing Concrete as per Specification given. As per Pre-measurement recorded vide Page No.. 355080 to 355082 in this MB.					445.50 m³ 53869 = 86	
(12)	Page - 120 : 92 Providing and disposing of size & above 63mm (0.662) pre Pipes & Gusset including cost of Pipes						

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	and Spreading and Cassons including lowering into foundation laying cum true to line level and finishing all joints properly including joining & applying pure NDR all Cassons and best quality hand dynamite including excavation the around to a depth not less than 15 cms NDR gravel or selected sand available from the excavation.						
	As per Pre-measurements recorded vide Page No. 355083 to 355085 in Reg MB.						
	Rate. 346.02					990-00 MSR	B42559

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M. A. R. 57 (Rule 116)
Measurement Book

No. B 355042

Serial No. .....

Name of Work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work .....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(13)	Refilling available earth around PIPE line carefully in layers not exceeding 20cms in depth compacting each deposited layer by ramming after watering with hand rammers and mechanical rammers including cost of all labours complete as per specification.						
	Qty vide	Item no.	(11)			445.50 m^3	
	Rate - 120:92						IS 3869 : 86

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MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Total	Rs.		1566543=00
				Add 12% GST Rs.			187985=00
					Total Rs.		1754528=00
	Certificate. (1) Certified that the work done is satisfactory (2) This bill amount has not been claimed in any of previous bill.						

25/6/19
ಸಹಾಯಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ

EPC

28/6/2019

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬ್ಯಾಟರಾಯನಪುರ ಉಪ ವಿಭಾಗ
ಬಿ.ಬಿ.ಎಂ.ಪಿ., ಬೆಂಗಳೂರು-24

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